

Sequence Listing

<110> Yao Xiong Hu
 <120> Peptides derived from the early region of human papillomaviruses 16 and 18 and immunoassay method for their use.
 <130> Our Reference: Impact Diagnostics
 <140> Current Application Number:
 <141> Filing Date:
 <150> Prior Application Number: 06/194,796
 <151> Prior Application Filing Date: April 5, 2000
 <160> 8 SEQ ID NOS
 <170> Corel WordPerfect 9

<210> SEQ ID NOS 8
 <211> 19
 <212> Type of Sequence: PRT
 <213> Artificial Sequence
 <223> Derived from the E2 early region of HPV-16
 <400> SEQ ID NO 1

Asp	Ile	Cys	Asn	Thr	Met	His	Tyr	Thr	Asn	Trp	Thr	His	Ile	Tyr	Ile
1				5					10					15	
Cys Glu Glu															

<210> SEQ ID NOS 8
 <211> 16
 <212> Type of Sequence: PRT
 <213> Artificial Sequence
 <223> Derived from the E2 early region of HPV-16
 <400> SEQ ID NO 2

His	Lys	Ser	Ala	Ile	Val	Thr	Leu	Thr	Tyr	Asp	Ser	Glu	Trp	Gln	Arg
1				5					10					15	

<210> SEQ ID NOS 8
 <211> 30
 <212> PRT
 <213> Artificial Sequence
 <223> Derived from the E7 early region of HPV-16
 <400> SEQ ID NO 3

Pro	Thr	Leu	His	Glu	Tyr	Met	Leu	Asp	Leu	Gln	Pro	Glu	Thr	Thr	Asp
1				5					10					15	

Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser Glu Glu Glu
20 25 30

<210> SEQ ID NOS 8

<211> 20

<212> PRT

<213> Artificial Sequence

<223> Derived from the E7 early region of HPV-16

<400> SEQ ID NO 4

Cys Asp Ser Thr Leu Arg Leu Cys Val Gln Ser Thr His Val Asp Ile
1 5 10 15

Arg Thr Leu Glu

20

<210> SEQ ID NOS 8

<211> 19

<212> PRT

<213> Artificial Sequence

<223> Derived from the E2 early region of HPV-18

<400> SEQ ID NO 5

Glu Lys Thr Gly Ile Leu Thr Val Thr Tyr His Ser Glu Thr Gln Arg
1 5 10 15

Thr Lys Phe

<210> SEQ ID NOS 8

<211> 19

<212> PRT

<213> Artificial Sequence

<220> Xaa = L-carboxymethylcysteine

<222> Occurrence of Xaa at positions 3 and 17

<223> Derived from the E2 early region of HPV-16

<400> SEQ ID NO 6

Asp Ile Xaa Asn Thr Met His Tyr Thr Asn Trp Thr His Ile Tyr Ile
1 5 10 15

Xaa Glu Glu

<210> SEQ ID NOS 8

<211> 30

<212> PRT

<213> Artificial Sequence

<220> Xaa = carboxymethylcysteine

<222> Location in sequence

<223> Derived from the E7 early region of HPV-16
 <220> Xaa = L-carboxymethylcysteine
 <222> 19
 <223> Derived from the E7 early region of HPV-16
 <400> SEQ ID NO 7

Pro	Thr	Leu	His	Glu	Tyr	Met	Leu	Asp	Leu	Gln	Pro	Glu	Thr	Thr	Asp
1				5					10					15	
Leu	Tyr	Xaa	Tyr	Glu	Gln	Leu	Asn	Asp	Ser	Ser	Glu	Glu	Glu		
			20					25					30		

<210> SEQ ID NOS 8
 <211> 20
 <212> PRT
 <213> Organism Scientific Name or Artificial Sequence
 <220> Xaa = L-carboxymethylcysteine
 <222> 1 8
 <223> Derived from the E7 early region E7 of HPV-16
 <400> SEQ ID NO 8

Xaa	Asp	Ser	Thr	Leu	Arg	Leu	Xaa	Val	Gln	Ser	Thr	His	Val	Asp	Ile
1				5					10					15	
Arg	Thr	Leu	Glu												
			20												